

NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World wide Web Site (general information)

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 13:59:06 ON 22 SEP 2004

=> file reg
COST IN U.S. DOLLARS
TOTAL SINCE FILE ENTRY
0.21 0.21

SESSION FULL ESTIMATED COST
0.21

FILE 'REGISTRY' ENTERED AT 13:59:15 ON 22 SEP 2004
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STRUCTURE FILE UPDATES: 21 SEP 2004 HIGHEST RN 749178-43-6
DICTIONARY FILE UPDATES: 21 SEP 2004 HIGHEST RN 749178-43-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e hydroxyceramide/cn
E# FILE FREQUENCY TERM
-- ---
E1 REGISTRY 1 HYDROXYCELLULOSE TRIACETATE/CN

Connecting via winsock to STN

Welcome to STN International! Enter x:x
LOGINID:ssspat1653adk
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

***** welcome to STN International *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Jul 12 BEILSTEIN enhanced with new display and select options,
resulting in a closer connection to BABS
NEWS 4 Jul 30 BEILSTEIN on STN workshop to be held August 24 in conjunction
with the 228th ACS National Meeting
NEWS 5 AUG 02 IFIPAT/IFIUB8/IFICDB reloaded with new search and display fields
NEWS 6 AUG 02 Caplus and CA patent records enhanced with European and Japan
patent Office Classifications
NEWS 7 AUG 02 The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS 8 AUG 04 Pricing for the Save Answers for SciFinder wizard within STN Express with Discover! will change September 1, 2004
NEWS 9 AUG 27 BIOCOMMERCE: Changes and enhancements to content coverage
NEWS 10 AUG 27 BIOTECHABS/BIOTECHDS: Two new display fields added for legal
status data from INPADOC
NEWS 11 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 12 SEP 01 New pricing for the Save Answers for SciFinder wizard within STN Express with Discover!
NEWS 13 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 14 SEP 14 STN Patent Forum to be held October 13, 2004, in Iselin, NJ

NEWS EXPRESS JULY 30 CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0jC(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability

E2 REGISTRY 1 HYDROXYCEPHALOTAXINE/CN
E3 REGISTRY 0 --> HYDROXYCERAMIDE/CN
E4 REGISTRY 1 HYDROXYCHALCONE/CN
E5 REGISTRY 1 HYDROXYCHAMBERSITE/CN
E6 REGISTRY 1 HYDROXYCHELIDONINE/CN
E7 REGISTRY 1 HYDROXYCHLOR/CN
E8 REGISTRY 1 HYDROXYCHLORBIOCIN/CN
E9 REGISTRY 2 HYDROXYCHLORDENE/CN
E10 REGISTRY 1 HYDROXYCHLORETHOXYBUTAMOXANE/CN
E11 REGISTRY 1
HYDROXYCHLORO(ETHYLENEDIAMINATO) (ETHYLENEDIAM
INE)RHENIUM DICHLORIDE/CN
E12 REGISTRY 1
HYDROXYCHLORO(ETHYLENEDIAMINATO) (ETHYLENEDIAM
INE)RHENIUM
HEXACHLORORHENATE(IV)/CN

=> e oxyhexadecanoic acid

E# FILE FREQUENCY TERM
E1 REGISTRY 1 OXYHEXANAMIDE/BI
E2 REGISTRY 7 OXYHEXANAMIDO/BI
E3 REGISTRY 0 --> OXYHEXANDECANOIC ACID/BI
E4 REGISTRY 151 OXYHEXANE/BI
E5 REGISTRY 11 OXYHEXANEDI/BI
E6 REGISTRY 1 OXYHEXANEDINITRILE/BI
E7 REGISTRY 5 OXYHEXANEDIO/BI
E8 REGISTRY 5 OXYHEXANEDIOATE/BI
E9 REGISTRY 1 OXYHEXANEDIOIC/BI
E10 REGISTRY 5 OXYHEXANEDIOIC/BI
E11 REGISTRY 1 OXYHEXANEDIYLIDE/BI
E12 REGISTRY 1 OXYHEXANEDIYLIDENE/BI

=> e oxyhexadecanoic acid/cn

E# FILE FREQUENCY TERM
E1 REGISTRY 1 OXYHEMOGLOBIN ZURICH/CN
E2 REGISTRY 1 OXYHEMOGLOBINS/CN
E3 REGISTRY 0 --> OXYHEXANDECANOIC ACID/CN
E4 REGISTRY 1 OXYHOMOGENTISIC ACID/CN
E5 REGISTRY 1 OXYHORNLENDE/CN
E6 REGISTRY 1 OXYHUMAT/CN
E7 REGISTRY 1 OXYHUMULINIC ACID/CN
E8 REGISTRY 1 OXYHYDRASTININ/CN
E9 REGISTRY 1 OXYHYDRASTININE/CN
E10 REGISTRY 1 OXYHYPONITROUS ACID/CN
E11 REGISTRY 1 OXYIMINOCEPHALOSPORINASE/CN
E12 REGISTRY 1 OXYIMPERATORIN/CN

=> e oxyhexadecanoic/cn

E# FILE FREQUENCY TERM
E1 REGISTRY 1 OXYHEMOGLOBIN ZURICH/CN
E2 REGISTRY 1 OXYHEMOGLOBINS/CN
E3 REGISTRY 0 --> OXYHEXANDECANOIC/CN
E4 REGISTRY 1 OXYHOMOGENTISIC ACID/CN
E5 REGISTRY 1 OXYHORNLENDE/CN

E6 REGISTRY 1 OXYHUMAT/CN
E7 REGISTRY 1 OXYHUMULINIC ACID/CN
E8 REGISTRY 1 OXYHYDRASTININ/CN
E9 REGISTRY 1 OXYHYDRASTININE/CN
E10 REGISTRY 1 OXYHYPONITROUS ACID/CN
E11 REGISTRY 1 OXYIMINOCEPHALOSPORINASE/CN
E12 REGISTRY 1 OXYIMPERATORIN/CN

=> e hydroxyhecadecyl/cn

E# FILE FREQUENCY TERM
E1 REGISTRY 1
E2 REGISTRY 1
MONOHYDRATE/ HYDROXYGUANIDINE SULFATE/CN
HYDROXYGUANIDINIUM SULFATE (2:1)
CN
E3 REGISTRY 0 --> CN
E4 REGISTRY 1 HYDROXYHECADECYL/CN
E5 REGISTRY 1 HYDROXYHELIOTRIDANE/CN
E6 REGISTRY 1 HYDROXYHEMIN/CN
E7 REGISTRY 1 HYDROXYHEMPA/CN
E8 REGISTRY 1 HYDROXYHEPTADECANOIC ACID/CN
E9 REGISTRY 1 HYDROXYHEPTAFAHALOL A/CN
E10 REGISTRY 1 HYDROXYHEPTAFAHALOL B/CN
E11 REGISTRY 1
HYDROXYHEPTAMETHYLCYCLOTETRASILOXANE/CN
E12 REGISTRY 1 HYDROXYHEPTANESULFONIC ACID/CN
HYDROXYHERNANDALINOL/CN

=> file caplus

COST IN U.S. DOLLARS

TOTAL

SINCE FILE

ENTRY

SESSION FULL ESTIMATED COST

0.84

1.05

FILE 'CAPLUS' ENTERED AT 14:00:24 ON 22 SEP 2004
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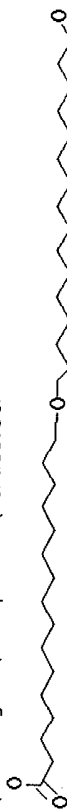
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FILE COVERS 1907 - 22 Sep 2004 VOL 141 ISS 13
FILE LAST UPDATED: 21 Sep 2004 (20040921/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: <http://www.cas.org/ONLINE/DBSS/registryss.html>

=> Uploading H:\STN queries\hexdec.str

[illegible]

```

match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS
8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS
15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS
22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS
36:CLASS

```

7 STRUCTURE UPLOADED

```
> s 17 sam
SAMPLE SEARCH INITIATED 14:09:16 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 11398 TO ITERATE
```

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8.8% PROCESSED    1000 ITERATIONS
ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01
0

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FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH  **COMPLETE**
PROJECTED ITERATIONS:  221565 TO 234355
PROJECTED ANSWERS:      0 TO 0

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=> s hydroxyhexadecylloxyhexadecanoic
L1 0 HYDROXYHEXADECYLOXYHEXANDECANOIC
L1 0 HYDROXYHEXADECYLOXYHEXANDECANOIC

=> s hydroxyhexadecyl
L2 93 HYDROXYHEXADECYL

```

=> s oxyhexadecanoic acid
0 OXYHEXANDECAHOIC
3871958 ACID
1446825 ACIDS
4342244 ACID

0 OXYHEXANDECANOIC ACID
(ACID OR ACIDS)
(OXYHEXANDECANOIC(W)ACID)

=> s hexadecanoic acid
1 HEXANDECANOIC
3871958 ACID
1446825 ACIDS
4342244 ACID

4
0
(ACID OR ACIDS)
HEXANDECANOIC ACID
(HEXANDECANOIC(W)ACID)

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=> s hexadecanoic
1.5
1 HEXANDECANOIC

```

$$\Rightarrow s = 15 \text{ and } 12$$

>>> file reg	
COST IN U.S. DOLLARS	
TOTAL	SINCE FILE
	ENTRY
SESSION	18.90
FULL ESTIMATED COST	
9.95	

FILE 'REGISTRY' ENTERED AT 14:08:59 ON 22 SEP 2004
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STRUCTURE FILE UPDATES: 21 SEP 2004 HIGHEST RN 749178-43-6
 ICTIONARY FILE UPDATES: 21 SEP 2004 HIGHEST RN 749178-43-6

Please note that search-term pricing does apply when conducting SmartSELECT searches.

L8 0 SEA SSS SAM L7

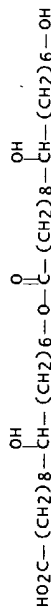
=> s 17 fu1
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FULL SCREEN SEARCH COMPLETED - 228494 TO ITERATE

100.0% PROCESSED 228494 ITERATIONS
ANSWERS
SEARCH TIME: 00.00.03

L9 9 SEA SSS FUL L7

=> d 19 1-9 ide

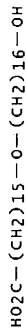
L9 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN 360786-56-7 REGISTRY
CN Hexadecanoic acid, 10,16-dihydroxy-, 15-carboxy-7-
hydroxypentadecyl ester
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C32 H62 O7
SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: BIOL (Biological study); OCCU
(Occurrence)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

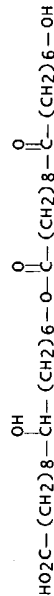
L9 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN 245447-18-1 REGISTRY
CN Hexadecanoic acid, 16-[(16-hydroxyhexadecyl)oxy]-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C32 H64 O4
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA Caplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP
(Preparation); PROC
(Process)
RL.NP Roles from non-patents: PREP (preparation); RACT (Reactant or reagent)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN 214912-69-3 REGISTRY
CN Hexadecanoic acid, 16-hydroxy-10-oxo-, 15-carboxy-7-
hydroxypentadecyl ester (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C32 H60 O7
SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: BIOL (Biological study); OCCU
(Occurrence); PRP
(Properties)

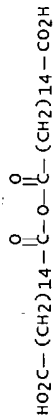


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
RN 214912-67-1 REGISTRY
CN Hexadecanoic acid, 10-hydroxy-16-[(16-hydroxy-1,10-
dioxohexadecyl)oxy]-,
16-[(15-carboxy-7-hydroxypentadecyl)oxy]-7,16-dioxohexadecyl
ester (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C64 H118 O13
SR CA
LC STN Files: CA, CAPLUS
DT.CA Caplus document type: Journal
RL.NP Roles from non-patents: BIOL (Biological study); OCCU
(Occurrence); PRP
(Properties)

DT.CA Caplus document type: Patent
 RL.P Roles from patents: USES (Uses)

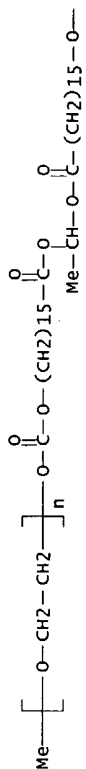


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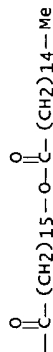
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 162582-27-6 REGISTRY
 CN Poly(oxy-1,2-ethanediyl), α -methyl- ω -[(20-methyl-1,18,22,39,56-penta-oxo-2,19,21,38,55-penta-oxahenheptacont-1-y)oxy]- (9CI)
 (CA INDEX
 NAME)
 DR 177910-37-1
 MF (C2 H4 O)_n C68 H128 O11
 CI PMS
 PCT Polyether
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

PAGE 1-A

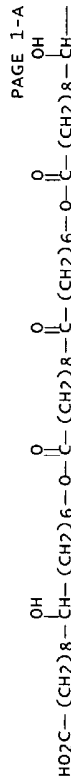


PAGE 1-B

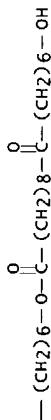


3 REFERENCES IN FILE CA (1907 TO DATE)
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 162582-18-5 REGISTRY



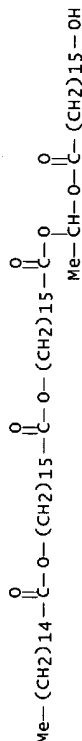
PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 177910-34-8 REGISTRY
 CN Hexadecanoic acid, 16-[(1-oxohexadecyl)oxy]-, 16-[1-[(16-hydroxy-1-oxohexadecyl)oxy]ethoxy]-16-oxohexadecyl ester (9CI) (CA INDEX
 NAME)
 FS 3D CONCORD
 MF C66 H126 O9
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

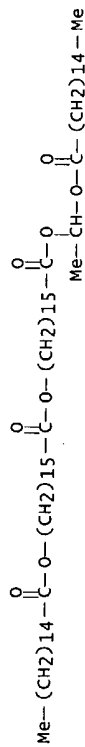


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 173351-97-8 REGISTRY
 CN Hexadecanedioic acid, bimol. monoanhydride (9CI) (CA INDEX
 NAME)
 FS 3D CONCORD
 MF C32 H58 O7
 SR CA
 LC STN Files: CA, CAPLUS

CN Hexadecanoic acid, 16-[(1-oxohexadecyl)oxy]-, 16-oxo-16-[1-[(1-oxohexadecyl)oxy]ethoxy]hexadecyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C66 H126 O8
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL
 DT.CA Caplus document type: Patent
 RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

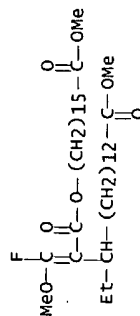


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L9 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 71655-80-6 REGISTRY
 CN Hexadecanedioic acid, 3-ethyl-2-(fluoromethoxymethyl)ene)-, 1-(16-methoxy-16-oxohexadecyl) 16-methyl ester (9CI) (CA INDEX NAME)

FS 3D CONCORD
 MF C38 H69 F O7
 LC STN Files: CA, CAPLUS
 DT.CA Caplus document type: Journal
 RL.NP Roles from non-patents: BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 19 cn

L9 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Hexadecanoic acid, 10,16-dihydroxy-, 15-carboxy-7-hydroxypentadecyl ester (9CI) (CA INDEX NAME)

=> d 19 1-9 cn

L9 ANSWER 1 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Hexadecanoic acid, 10,16-dihydroxy-, 15-carboxy-7-hydroxypentadecyl ester (9CI) (CA INDEX NAME)

L9 ANSWER 2 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Hexadecanoic acid, 16-[(16-hydroxyhexadecyl)oxy]- (9CI) (CA INDEX NAME)

L9 ANSWER 3 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Hexadecanoic acid, 16-hydroxy-10-oxo-, 15-carboxy-7-hydroxypentadecyl ester (9CI) (CA INDEX NAME)

L9 ANSWER 4 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Hexadecanoic acid, 10-hydroxy-16-[(16-hydroxy-1,10-dioxohexadecyl)oxy]-, 16-[(15-carboxy-7-hydroxypentadecyl)oxy]-7,16-dioxohexadecyl ester (9CI) (CA INDEX NAME)

L9 ANSWER 5 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Hexadecanoic acid, 16-[(1-oxohexadecyl)oxy]-, 16-[1-[(16-oxohexadecyl)oxy]ethoxy]-16-oxohexadecyl ester (9CI) (CA INDEX NAME)

L9 ANSWER 6 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Hexadecanedioic acid, bimol. monoanhydride (9CI) (CA INDEX NAME)

L9 ANSWER 7 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Poly(oxy-1,2-ethanediyl), α -methyl-o-[(20-methyl)-1,18,22,39,56-penta-oxo-2,19,21,38,55-penta-oxahenheptacont-1-yl)oxy]- (9CI) (CA INDEX NAME)

L9 ANSWER 8 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Hexadecanoic acid, 16-[(1-oxohexadecyl)oxy]-, 16-oxo-16-[1-[(1-oxohexadecyl)oxy]ethoxy]hexadecyl ester (9CI) (CA INDEX NAME)

L9 ANSWER 9 OF 9 REGISTRY COPYRIGHT 2004 ACS on STN
 CN Hexadecanedioic acid, 3-ethyl-2-(fluoromethoxymethyl)ene)-, 1-(16-methoxy-16-oxohexadecyl) 16-methyl ester (9CI) (CA INDEX NAME)

=> file caplus

COST IN U.S. DOLLARS
TOTAL

SINCE FILE

ENTRY

190.73

SESSION
FULL ESTIMATED COST
210.68

FILE 'CAPLUS' ENTERED AT 14:11:50 ON 22 SEP 2004
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FILE COVERS 1907 - 22 Sep 2004 VOL 141,ISS 13
FILE LAST UPDATED: 21 Sep 2004 (20040921/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 245447-18-1/rn
2 245447-18-1
0 245447-18-10
2 245447-18-1/rn
L10 (245447-18-1 (NOTL) 245447-18-1D)

=> d l10 1-10 ibib

L10 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2000:911405 CAPLUS Full-text
DOCUMENT NUMBER: 134:68051
TITLE: Ichthyosis skin diseases amelioration with transglutaminase 1
INVENTOR(S): Steinert, Peter; Marekov, Lyuben; Nemes, Zoltan
PATENT ASSIGNEE(S): Government of the United States of America, as represented by the Secretary, Dept. of Health and Human Services, USA
SOURCE: PCT Int. Appl., 77 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.
WO 2000078937	A1	20001228	WO 2000-US17235
20000622			
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 2000057595	A5	20010109	AU 2000-57595
US 2003072795	A1	20030417	US 2001-23275
20011213			
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19990623			
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FOR THIS			
RE FORMAT			
L10 ANSWER 2 OF 2			
CAPLUS COPYRIGHT 2004 ACS on STN			
ACCESSION NUMBER: 1999:477718			
DOCUMENT NUMBER: 131:268814			
TITLE: A novel function for transglutaminase 1: attachment of long-chain ω -hydroxyceramides to involucrin by ester bond formation			
AUTHOR(S): Nemes, Zoltan; Marekov, Lyuben N.; Fesus, Lazlo;			
CORPORATE SOURCE: Steinert, Peter M. Laboratory of Skin Biology, National Institute of Arthritis and Musculoskeletal and Skin Diseases, National Institutes of Health, Bethesda, MD, 20892-2752, USA			
SOURCE: Proceedings of the National Academy of			

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LANGUAGE:

REFERENCE COUNT:

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CODEN: PNAS6; ISSN: 0027-8424

National Academy of Sciences

Journal

English

45 THERE ARE 45 CITED REFERENCES

RECORD. ALL CITATIONS AVAILABLE IN THE

=> FIL STNGUIDE
COST IN U.S. DOLLARS
TOTAL

SINCE FILE

ENTRY

SESSION
FULL ESTIMATED COST
217.32

6.64

FILE 'STNGUIDE' ENTERED AT 14:12:51 ON 22 SEP 2004

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Sep 17, 2004 (20040917/UP).

=> DIS HIST

(FILE 'HOME' ENTERED AT 13:59:06 ON 22 SEP 2004)

FILE 'REGISTRY' ENTERED AT 13:59:15 ON 22 SEP 2004

E HYDROXYCERAMIDE/CN

E OXYHEXANDECANOIC ACID

E OXYHEXANDECANOIC ACID/CN

E OXYHEXANDECANOIC/CN

E HYDROXYHECADCYL/CN

FILE 'CAPLUS' ENTERED AT 14:00:24 ON 22 SEP 2004

0 S HYDROXYHEXADACYLOXYHEXANDECANOIC

93 S HYDROXYHEXADACYL

0 S OXYHEXANDECANOIC ACID

0 S HEXANDECANOIC ACID

1 S HEXANDECANOIC

0 S L5 AND L2

FILE 'REGISTRY' ENTERED AT 14:08:59 ON 22 SEP 2004

STRUCTURE UPLOADED

0 S L7 SAM

9 S L7 FUL

FILE 'CAPLUS' ENTERED AT 14:11:50 ON 22 SEP 2004

2 S 245447-18-1/RN

FILE 'STNGUIDE' ENTERED AT 14:12:51 ON 22 SEP 2004

=>

---Logging off of STN---

=>

Executing the logoff script....

=> LOG Y

COST IN U.S. DOLLARS
TOTAL

SINCE FILE

ENTRY

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SESSION
FULL ESTIMATED COST
217.50

STN INTERNATIONAL LOGOFF AT 14:14:54 ON 22 SEP 2004